

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 517  | 382/151.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 11:44 |
| S2    | 93   | average near image\$2 same (template or reference) near image   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 14:51 |
| S3    | 8    | ("5129009"   "5179419"   "5298963"   "5365596"   "5371690"   "5434629"   "5544256"   "5548326").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/22 14:42 |
| S4    | 13   | ("4240750"   "4347964"   "4421410"   "4439010"   "4441248"   "4799175"   "4805123"   "4855928"   "4860371"   "5138180"   "5156319"   "5170062"   "5225891").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/22 14:48 |
| S5    | 5    | average near image\$2 same (template or reference) near image and (update near (reference or template))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 15:10 |
| S6    | 2676 | rhythm near watch   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 14:55 |
| S7    | 1    | rhythm near watch and average near image  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 15:09 |
| S8    | 10   | shimura near tomomitsu  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 15:09 |
| S9    | 8    | average near image\$2 and(template or reference) near image and (update near (reference or template))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 15:10 |
| S10   | 24   | ("4200861"   "4441205"   "4442188"   "4633504"   "4965842"   "4974046"   "5063168"   "5109430"   "5235626"   "5256505"   "5274575"   "5362585"   "5427878"   "5568563"   "5707765"   "5731877"   "5801954"   "5815594"   "5851848"   "5926690"   "5965306"   "6057171"   "6094256"   "6175645").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/22 17:27 |
| S11   | 838  | 382/155-160.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/22 17:34 |
| S12   | 757  | 382/155-160.ccls. and (reference or template)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/22 17:31 |

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|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S13 | 757   | 382/155-160.ccls. and (reference or template)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:32 |
| S14 | 93    | 382/155-160.ccls. and (reference or template) near image  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:32 |
| S15 | 33333 | (reference or template) near (image\$2 or pattern\$2 or waveform\$2)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:35 |
| S16 | 93    | S14 and S15   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:34 |
| S17 | 0     | S14 and S15 and probability   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:34 |
| S18 | 942   | 382/155-160.ccls. probability   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:34 |
| S19 | 0     | 382/155-160.ccls. and probability   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:34 |
| S20 | 358   | (updat\$4 or chang\$4) near (reference or template) near (image\$2 or pattern\$2 or waveform\$2)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:37 |
| S21 | 7     | S20 and S11   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/22 17:37 |
| S22 | 19286 | (pattern or waveform or image) near matching  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/23 10:48 |
| S23 | 253   | (pattern or waveform or image) near matching and probability near distribution  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/23 10:49 |
| S24 | 416   | 382/170.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/23 16:01 |
| S25 | 100   | ("4630204" "5020006" "6101267" "6521385" "6856931" "5808724" "6538260" "4802231" "5255186" "5215098" "5217021" "5273049" "5779645" "5434956" "5500736" "5585925" "6355452" "6925203" "5285075" "5703685" "5754300" "4327292" "4431923" "4993837" "5745242" "5847468" "5969428" "4504148" "4860374" "4886974" "4955062" "4962318" "4971444" "4981529" "5264310" "5392361" "5446542" "5483349" "5493403" "5565988" "5657129" "5692070" "5840595" "5877505" "5906902" "5943638" "5943135" "5995234" "6141107" "6157452").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/23 16:54 |

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|-----|-----|---|---|----|-----|------------------|
| S26 | 103 | ("6399945" "6416912" "6501189" "6521900" "6590657" "6627903" "6841402" "5240009" "5613496" "5936411" "6353754" "5503160" "5511554" "5337403" "5528037" "5625749" "5697379" "6208686" "4023564" "4415767" "4457015" "4460952" "4490850" "4589420" "4633400" "4800495" "4893632" "5000189" "5305761" "5330504" "5337750" "5343707" "5371851" "5377301" "5396891" "5418820" "5491429" "5497448" "5519669" "5585708" "5587998" "5590662" "5592133" "5601617" "5651370" "5661527" "5671252" "5677927" "5732394" "5755739").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/23 16:54 |
| S27 | 0   | kouji-yoshida.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 11:18 |
| S28 | 64  | kouji near yoshida  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 11:18 |
| S29 | 791 | (difference or substraction or minus) same (reference near6 (measured or new) near6 (image\$1 or wave\$5 or signal\$2)) and pattern   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 13:14 |
| S30 | 801 | (difference or substraction or minus) same ((reference or registered) near6 (measured or new) near6 (image\$1 or wave\$5 or signal\$2)) and pattern   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 13:14 |
| S31 | 737 | (difference or substraction or minus) same ((reference or registered) near6 (measured or new) near6 (image\$1 or wave\$5 or signal\$2)) and pattern and (replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 13:16 |
| S32 | 51  | (difference or substraction or minus) same ((reference or registered) near6 (measured or new) near6 (image\$1 or wave\$5 or signal\$2)) and pattern and ((replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3) near (registered or reference or template))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 13:56 |
| S33 | 7   | ("3921126"   "3996791"   "4011750"   "4128011"   "4342229"   "4400976"   "4400980").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/29 13:21 |
| S34 | 29  | (difference or substraction or minus) same ((reference or registered) near6 (measured or new) near6 (image\$1 or wave\$5 or signal\$2)) and (pattern same match\$3) and ((replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3) near6 (registered or reference or template))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 14:52 |
| S35 | 29  | (difference or substraction or minus) same ((reference or registered) near6 (measured or new) near6 (image\$1 or wave\$5 or signal\$2)) and (pattern same match\$3) and ((replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3 or updat\$3) near6 (registered or reference or template))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 15:11 |

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|-----|------|---|---|----|-----|------------------|
| S36 | 2    | ("5982912").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 15:10 |
| S37 | 1234 | (difference or subtraction or minus or averag\$3 or add or addition or adding or sum or summing or summation) same ((reference or registered) near6 (image\$1 or wave\$5 or signal\$2)) and (pattern same match\$3) and ((replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3 or updat\$3) near6 (registered or reference or template)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 15:16 |
| S38 | 435  | (difference or subtraction or minus or averag\$3 or add or addition or adding or sum or summing or summation) same ((reference or registered) near6 (image\$1 or wave\$5 or signal\$2)) and (pattern near match\$3) and ((replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3 or updat\$3) near6 (registered or reference or template)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 17:20 |
| S39 | 20   | (pattern near match\$3) and ((replac\$3 or substitut\$3 or chang\$2 or swap\$4 or trad\$3 or updat\$3) near6 (registered or reference or template)) and nikon   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/29 17:21 |